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### **(54) GAS TURBINE MOVING BLADE**

(57) Abstract:

**PURPOSE:** To prevent the localized heating condition of a platform member of a blade member end part by providing a cooling passage for introducing cooling air flowing into through a space between adjacent shank members located between the blade member and a dovetail member to a space between the blade members.

**CONSTITUTION:** A high temperature gas turbine moving blade is constituted of a blade member 1, a platform member 2 forming a bottom member of a stream passage between the blades, a dovetail member 4 attaching the blade member 1 to a rotor disc 11, a shank member 3 connecting the blade member 1 to the dovetail member 4. In this occasion, a cutout groove 5 is formed approximately on a center member of the span direction in the inner surface of an end part 2a of a platform 2,

located on a belly side of the blade member 1 while forming an introduction hole 6 of cooling air at the boundary member between the shank member 3 and the dovetail member 4. A shank pin 7 for damping is inserted between adjacent blade members 1, 1 so as to form an air passage between the shank pin 7 and the cutout groove 5. Thereby, it is possible to introduce the cooling air 9 to the stream passage between the blades through the cutout groove 5.

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